

122  
50

A) 5'...ATGCTCTGCACGAATAC...3' PST I 5'...ATGCTCTGCA 3' + 5' GGAATAC...3'  
3'...TACGAGACGTCCTTATG...5' 3'...TACGAG 5' 3' ACGTCCTTATG...5'

FIG. 1

B) 5'...ATGCTCTGCA 3' + 3'ACGTNNT (FITC) 5' T4 5'...ATGCTCTGCA 3'  
3'...TACGAG 5' DNA 3'...TACGAGACGTNNT (FITC)

FIG. 2

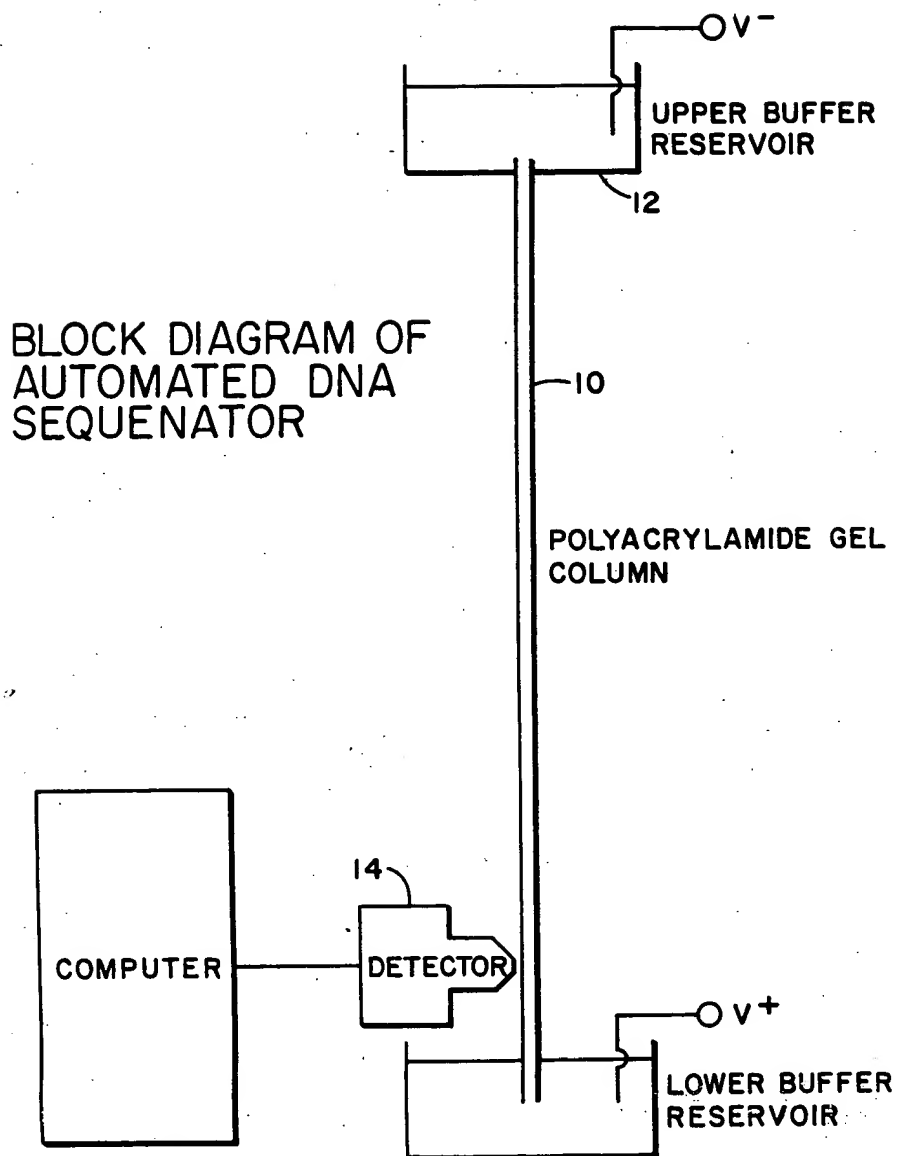
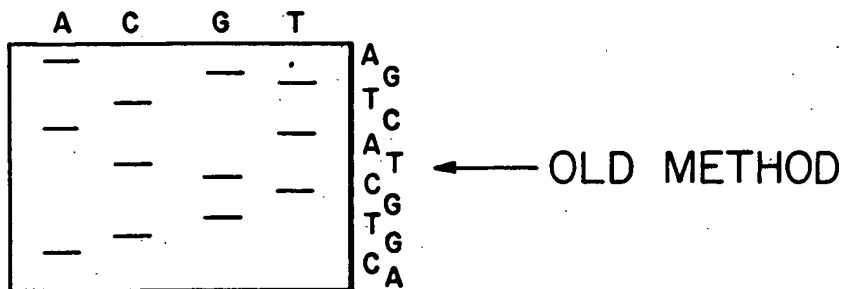


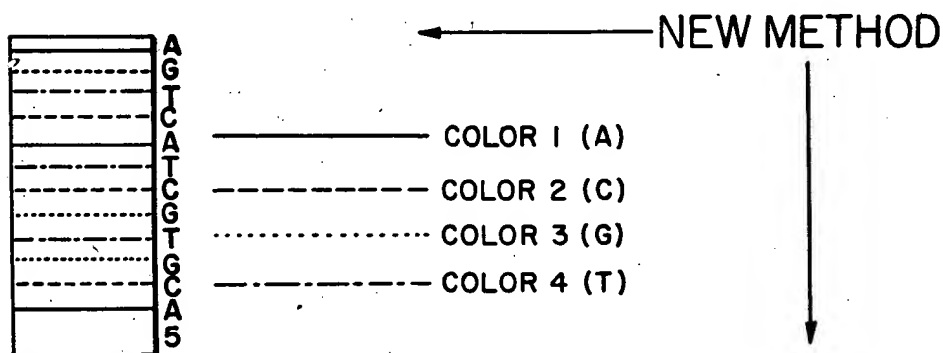
FIG. 3

- I) A HYPOTHETICAL DNA SEQUENCE  
5' ACGTGCTACTGA 3'

- II) IDEALIZED AUTORADIOGRAM OF POLYACRYLAMIDE SLAB GEL  
PRODUCED IN CHAIN TERMINATION SEQUENCING ACCORDING TO  
THE PRIOR ART



- ### III) IDEALIZED DIAGRAM OF COLORED DNA BANDS ON TUBE ACRYLAMIDE GEL, PRODUCED ACCORDING TO PRESENT INVENTION



- IV) IDEALIZED OUTPUT FROM DETECTION OF COLORED BANDS ON ABOVE  
TUBE GEL

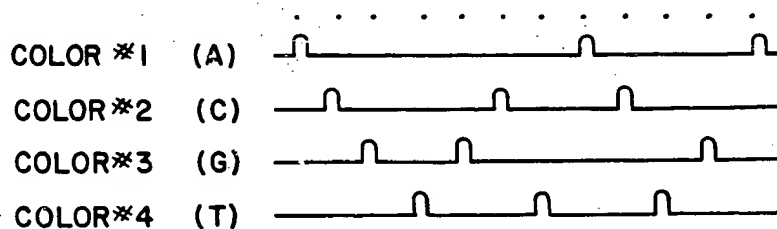
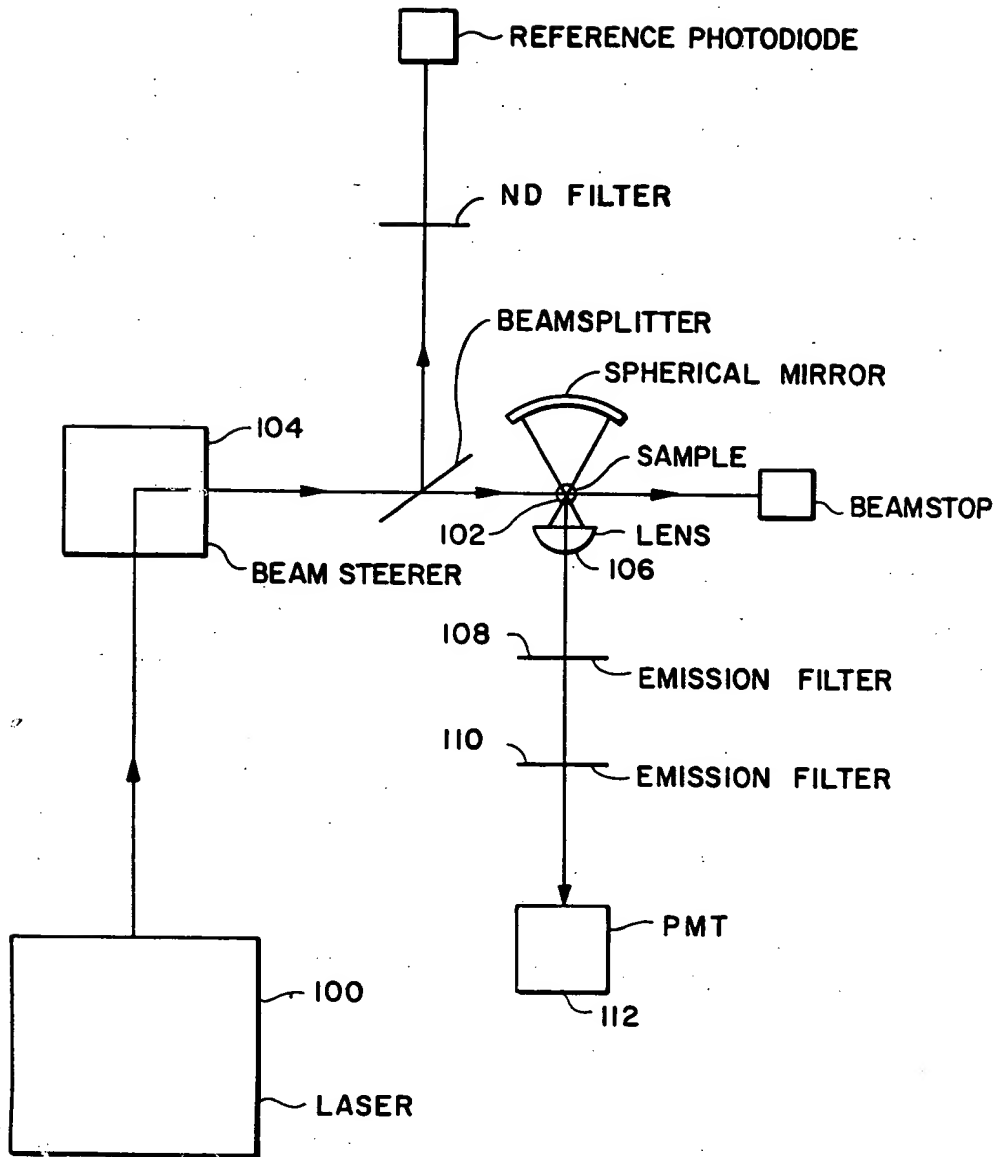
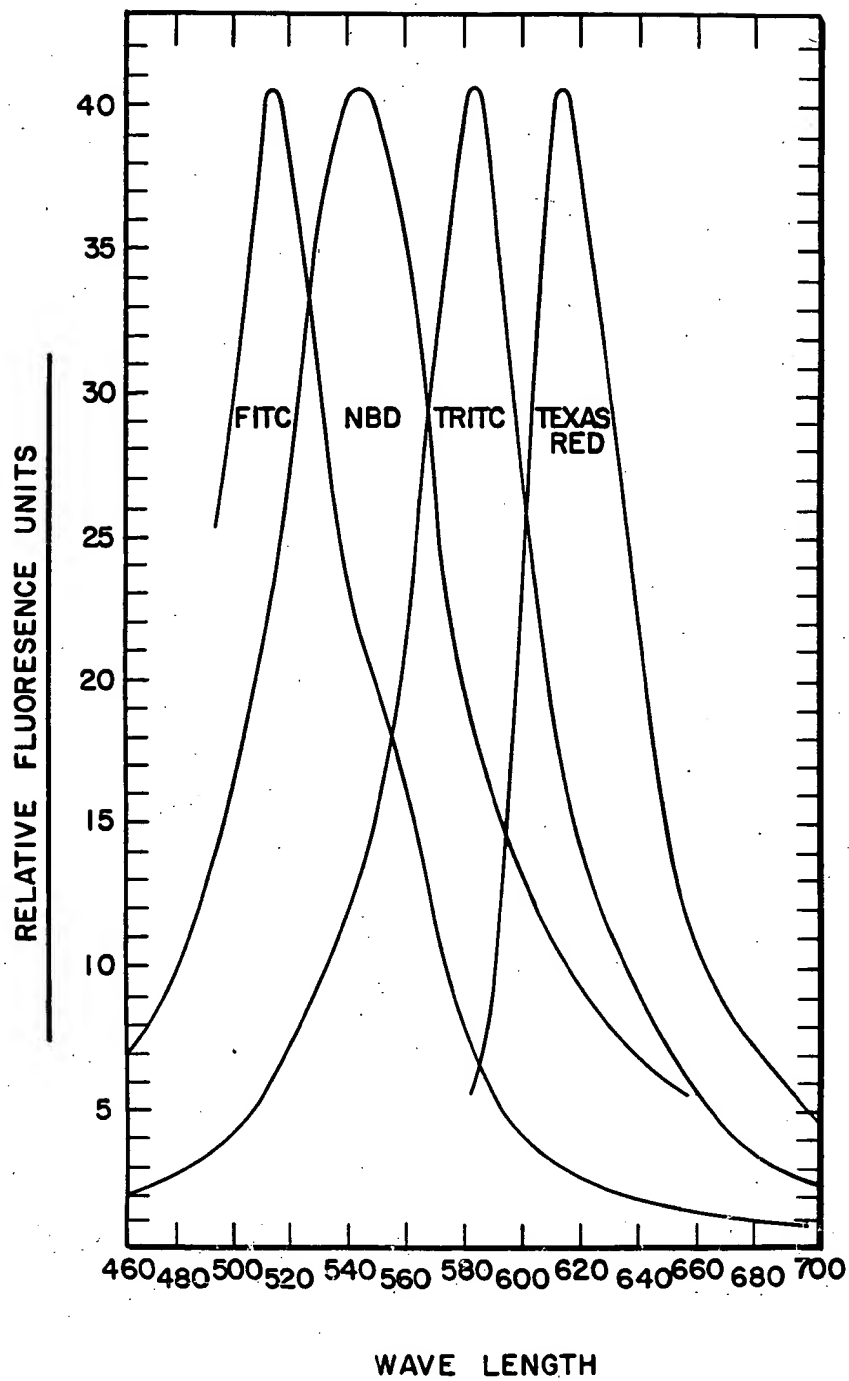


FIG. 4



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FIG. 5



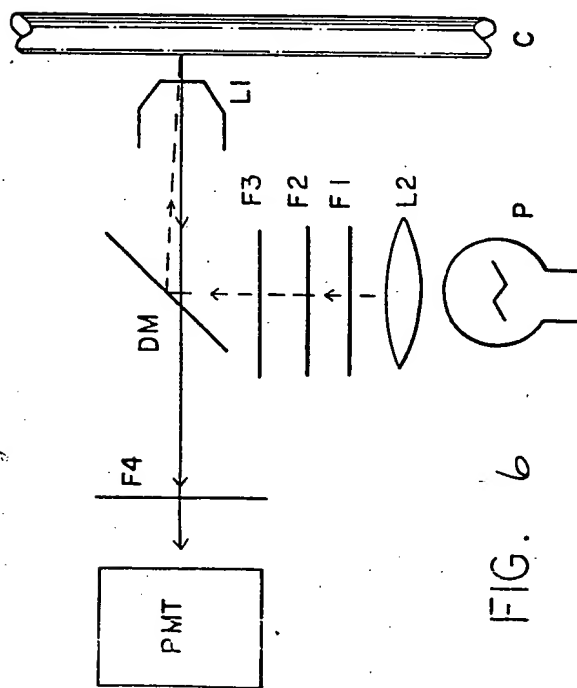


FIG. 6

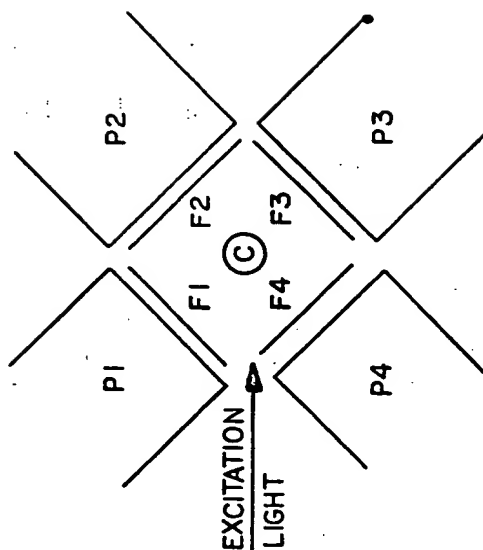


FIG. 7